L Number	Hits	Search Text	DB	Time stamp
1	175	raehse-wilfried.in.	USPAT;	2004/09/14 09:45
		•	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT	************
2	6	baur-dieter.in.	USPAT;	2004/09/14 09:46
			US-PGPUB;	
			EPO; JPO;	
	40	-i-Man arrange in	DERWENT USPAT;	2004/09/14 09:47
3	40	pichler-werner.in.	US-PGPUB;	2004/07/14 07.47
		8	EPO; JPO;	
			DERWENT	
4	275	(encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or	USPAT;	2004/09/14 10:46
i •	2,3	macroencapsulat\$3 or outer or surface) same (active or enzym\$4 or	US-PGPUB;	
		bleach\$3 or activator or detergent or detersive or tenside or surfactant or	ЕРО; ЛРО;	
	*	protease or lipase or amylase or cellulase) same (polyhydroxy\$6 or	DERWENT	
		hydroxy\$6) near6 (fatty adj1 acid or ricinoleic or octadecanoic or		
		dodecanoic or pentadecanoic or heptadecanoic) same (transition or		
		lanthanoid or lanthanide or cobalt or nickel or copper or zinc or group or		
		co or ni or cu or zn)		
5	23	(encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or	USPAT;	2004/09/14 10:54
		macroencapsulat\$3 or outer) same (active or enzym\$4 or bleach\$3 or	US-PGPUB;	
		activator or detergent or detersive or tenside or surfactant or protease or	EPO; JPO;	
		lipase or amylase or cellulase) same (polyhydroxy\$6 or hydroxy\$6)	DERWENT	
		near6 (fatty adj1 acid or ricinoleic or octadecanoic or dodecanoic or pentadecanoic or heptadecanoic) same (transition or lanthanoid or		
		lanthanide or cobalt or nickel or copper or zinc or co or ni or cu or zn)		
6	23	(encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or	USPAT;	2004/09/14 10:56
	23	macroencapsulat\$3 or outer) same (active or enzym\$4 or bleach\$3 or	US-PGPUB;	200 1103711 10350
}		activator or detergent or detersive or tenside or surfactant or protease or	ЕРО; ЛРО;	
		lipase or amylase or cellulase) same (polyhydroxy\$6 or hydroxy\$6)	DERWENT	
		near6 (fatty adj1 acid or ricinoleic or octadecanoic or dodecanoic or		
		pentadecanoic or heptadecanoic or palmitic or stearic or lauric or oleic		
		or linoleic or linolenic) same (transition or lanthanoid or lanthanide or		
		cobalt or nickel or copper or zinc or co or ni or cu or zn)		
7	8	510/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or	USPAT;	2004/09/14 11:01
		microencapsulat\$3 or macroencapsulat\$3 or outer) same	US-PGPUB;	
		(polyhydroxy\$6 or hydroxy\$6) near6 (fatty adj1 acid or ricinoleic or	ЕРО; ЛРО;	
		octadecanoic or dodecanoic or pentadecanoic or heptadecanoic or	DERWENT	
		palmitic or stearic or lauric or oleic or linoleic or linolenic) same (transition or lanthanoid or lanthanide or cobalt or nickel or copper or		
		zinc or co or ni or cu or zn)		
8	15	424/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or	USPAT;	2004/09/14 11:04
	*-	microencapsulat\$3 or macroencapsulat\$3 or outer) same	US-PGPUB;	
		(polyhydroxy\$6 or hydroxy\$6) near6 (fatty adj1 acid or ricinoleic or	ЕРО; ЛРО;	
		octadecanoic or dodecanoic or pentadecanoic or heptadecanoic or	DERWENT	
		palmitic or stearic or lauric or oleic or linoleic or linolenic) same		
		(transition or lanthanoid or lanthanide or cobalt or nickel or copper or		
		zinc or co or ni or cu or zn)		
9	1	435/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or	USPAT;	2004/09/14 11:06
		microencapsulat\$3 or macroencapsulat\$3 or outer) same	US-PGPUB;	
		(polyhydroxy\$6 or hydroxy\$6) near6 (fatty adjl acid or ricinoleic or	EPO; JPO;	
		octadecanoic or dodecanoic or pentadecanoic or heptadecanoic or	DERWENT	
		palmitic or stearic or lauric or oleic or linoleic or linolenic) same (transition or lanthanoid or lanthanide or cobalt or nickel or copper or		
		zinc or co or ni or cu or zn)		
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macroencapsulat\$3 or outer) same (ricinoleic or ricinoleate) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	20	27.			
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21 605 (encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or macroencapsulat\$3 or outer) same hydroxy\$6 near6 (stearic or stearate) 22 4 510/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or outer) same hydroxy\$6 near6 (stearic or stearate) 23 4 510/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or macroencapsulat\$3 or outer) same hydroxy\$6 near6 (stearic or stearate) 24 510/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or macroencapsulat\$3 or outer) same hydroxy\$6 near6 (stearic or stearate) 25 605 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; near6 (stearic or stearate)			macroencapsulat\$3 or outer) same (ricinoleic or ricinoleate)		
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22 4 510/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or microencapsulat\$3 or macroencapsulat\$3 or outer) same hydroxy\$6 near6 (stearic or stearate) EPO; JPO; DERWENT USPAT; 2004/09/14 13:46 US-PGPUB; EPO; JPO;			macroencapsulat\$3 or outer) same hydroxy\$6 near6 (stearic or stearate)		
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			near6 (stearic or stearate)		
			·	DERWENT	

23	4	252/\$.ccls. and (encapsulat\$3 or coat\$3 or sprayed or spraying or	USPAT;	2004/00/14 12 40
23		microencapsulat\$3 or macroencapsulat\$3 or outer) same hydroxy\$6	US-PGPUB:	2004/09/14 13:48
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		heard (stearte or stearate)	DERWENT	
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24	221	(enzym\$4 or protease or lipase or cellulase or amylse or bleach\$3 or	USPAT;	2004/09/14 14:03
		activator or precursor or percarbonate or perborate or taed or nobs) same	US-PGPUB;	
		(ricinoleic or ricinoleate)	ЕРО; ЈРО;	
25	005		DERWENT	
25	987	(enzym\$4 or protease or lipase or cellulase or amylse or bleach\$3 or	USPAT;	2004/09/14 14:06
		activator or precursor or percarbonate or perborate or taed or nobs) same	US-PGPUB;	
		(hydroxy\$6 or polyhydroxy\$6) near6 (dodecanoic or octadecanoic or	ЕРО; ЈРО;	
		hexadecanoic or heptadecanoic or lauric or stearic or palmitic or fatty	DERWENT	
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26	234	(enzym\$4 or protease or lipase or cellulase or amylse or bleach\$3 or	USPAT;	2004/09/14 14:06
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		or hexadecanoic or heptadecanoic or lauric or stearic or palmitic or fatty	DERWENT	
	İ	adj1 acid)		
27	27	(enzym\$4 or protease or lipase or cellulase or amylse or bleach\$3 or	USPAT:	2004/09/14 14:08
		activator or precursor or percarbonate or perborate or taed or nobs) same	US-PGPUB:	200 110 2111 11.00
		(hydroxy\$6 or polyhydroxy\$6) near6 (dodecanoic or octadecanoic or	EPO; JPO;	
		hexadecanoic or heptadecanoic or lauric or stearic or palmitic or fatty	DERWENT	
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		lanthanide or copper or cobalt of nickel or zinc)		
	<u> </u>	interior or copper or country or meker or zine)		

DERWENT-ACC-NO:

1989-235306

DERWENT-WEEK:

198933

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TITLE:

Detergent additive for preventing colour change during

washing - contains soluble polymers based on

N-vinyl-pyrrolidone, -imidazole or -oxazolidone, and

cationic cpds.

INVENTOR: JACOBS, J; POCHANDKE, W; WEBER, R

PATENT-ASSIGNEE: HENKEL KGAA[HENK]

PRIORITY-DATA: 1988DE-3803630 (February 6, 1988)

PATENT-FAMILY:

PUB-NO **PUB-DATE** LANGUAGE **PAGES** MAIN-IPC EP 327927 A August 16, 1989 005 N/A DE 3803630 A August 17, 1989 N/A 000 N/A DK 8900489 A August 7, 1989 N/A 000 N/A

DESIGNATED-STATES: AT BE CH DE ES FR IT LI NL

CITED-DOCUMENTS: A3...199038; DE 114606; EP 203486; EP 265257;

No-SR.Pub

APPLICATION-DATA:

PUB-NO APPL-DESCRIPTOR APPL-NO APPL-DATE EP 327927A N/A 1989EP-0101618 January 31, 1989

DE 3803630A N/A 1988DE-3803630 February 6, 1988

INT-CL (IPC): B01J002/10, C11D003/37

ABSTRACTED-PUB-NO: EP 327927A

BASIC-ABSTRACT:

Washing material additive (I) contains at least partly water-soluble polymeric components (II) based on N-vinylpyrrolidone (N-VP) and/or N-vinylimidazole and/or N-vinyloxazolidone and/or water-soluble and/or -insol. cationic cpds. (III). (I) is produced by mixing polymer (II) and cationic cpd. (III) and opt. Zn ricinoleate (IV) with addn. of water to form an aggregate, pref. inthe form of granules, drying with hot air to a free-flowing prod. opt. spraying in a fluid bed with a soln. of an acid gp-contg. polymer (V) and redrying. A washing material contg. 0.5-10 (pref. 1-5) wt. % (I) is claimed.

(I) is in the form of particles, pref. granules, and pref. also contains an acid gp-contg. polymer component (V) which is concentrated on the surface, pref. as an at least partial coating (V) is acrylic acid homo- or co-polymer, and (I) contains 1-10 (pref. 2-5) wt.% (V); (I) also contains (IV); (I) contains N-VP base polymer and (III) in the wt. ratio from 10:1 to 50:1 pref. 30:1 to 40:2; a fluid-bed mixer or, pref., a mixing granulator is used, drying processes are carried out by injecting hot air at up to 80 deg.C to reduce the residual water content to not above 15 wt.%.

USE/ADVANTAGE - Addn. of (I) to detergents prevents dyes or brightening agents being transferred from coloured textiles to uncoloured textiles during washing, without the formation of unacceptable odours (which occurs with prior-art additives for this purpose).

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: DETERGENT ADDITIVE PREVENT COLOUR CHANGE WASHING CONTAIN SOLUBLE
POLYMER BASED N VINYL PYRROLIDONE IMIDAZOLE
OXAZOLIDINONE CATION
COMPOUND

DERWENT-CLASS: A97 D25

CPI-CODES: A04-D05; A04-D08; A12-W12A; D11-A02; D11-B12; D11-B19; D11-D03;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1740U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS: Key Serials: 0231 0409 0410 2318 2424 2427 2437 2509 2541 2585 2701 2726 0906 0908 0936 0909 0937 Multipunch Codes: 014 034 04- 074 075 076 101 316 393 398 431 434 443 477 57- 575 583 589 603 678 688 014 034 04- 074 075 076 101 103 27& 316 393 398 431 434 443 477 57- 575 583 589 603 678 688 720 014 034 04- 074 075 076 101 103 28& 316 393 398 431 434 443 477 57- 575 583 589 603 678 688 720

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-104729

PAT-NO:

JP408053341A

DOCUMENT-IDENTIFIER: JP 08053341 A

TITLE:

FOAMABLE BATHING AGENT

PUBN-DATE:

February 27, 1996

INVENTOR-INFORMATION:

NAME

MIURA, TAKAO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

EARTH CHEM CORP LTD

N/A

APPL-NO:

JP06187597

APPL-DATE:

August 9, 1994

INT-CL (IPC): A61K007/50, A61K007/00

ABSTRACT:

PURPOSE: To obtain a bathing agent capable of bubbling an appropriate size of bubbles irrespective of the kind of the propellant therein and its formulation and also capable of efficiently being defoamed without uncomfortable feeling, by encapsulating a bathing agent ingredient and specific surfactant(s) in a spray vessel.

CONSTITUTION: This bathing agent is obtained by encapsulating, in a spray vessel, (A) a bathing agent ingredient and (B) 0.1-10wt.% of surfactant(s) selected from compounds of the formula RCOOM [R is a coconut oil fatty acid, palm (stone) oil fatty acid, castor oil fatty acid, ricinoleic acid, undecylenic acid, etc.; M is H, Na, K, HN(CH<SB>2</SB>CH<SB>2</SB>O)<SB>3</SB>,

NH<SB>4</SB> or HN(CH<SB>3</SB>)<SB>3</SB>], compounds of the formula ROCH<SB>2</SB>CH<SB>2</SB>OCOOM, compounds of the formula ROPO<SB>3</SB>2M, compounds of the formula ROCH<SB>2</SB>CH<SB>2</SB>OPO<SB>3</SB>2M, compounds of formula ROCH<SB>2</SB>CH<SB>2</SB>OPO<SB>3</SB>2M, compounds of formula I, compounds of formula III or their mixtures.

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PAT-NO:

JP404322703A

DOCUMENT-IDENTIFIER: JP 04322703 A

TITLE:

TREATING AGENT OF COATING MATERIAL MIST

PUBN-DATE:

November 12, 1992

INVENTOR-INFORMATION: NAME

TAKADA, MAKOTO SANADA, ATSUO MIZUNO, YASUNOBU

ASSIGNEE-INFORMATION:

NAME

COUNTRY

NEOS CO LTD

N/A

APPL-NO:

JP03076025

APPL-DATE:

April 9, 1991

INT-CL (IPC): B01D021/01, B05B015/12, C02F001/56, C09K003/00

US-CL-CURRENT: 524/399

ABSTRACT:

PURPOSE: To effectively decrease stickiness of a residual coating material mist and to prevent the mist from sticking in a treating process line to enhance recovery of the coating material by incorporating a cationic water soluble high molecular coagulant and a metallic soap into the treating agent.

CONSTITUTION: A treating agent of the coating matgerial mist containing a metallic soap, which flocculates the coating material mist and acts to make the coating material mist containing large quantity of thinner to bring higher

stickiness unsticky by using jointly a cationic water soluble high molecular coagulant and a cationic high molecular coagulant which act to catch and flocculate the coating material mist to form coating sludge is obtained. A cationic modified product of an acrylic polymer, a polycondensation product of a polyamine and an epoxide compound, a nitrogen containing vinyl polymer are preferably used as a cationic water soluble coagulant. And an oil soluble metal salt of a 4-22C carboxylic acid such as caproic acid, 2-methylbutanoic acid, 3-hexenoic acid, ricinoleic acid or the like and Al, Ni, Fe or the like is suitably used as the metallic soap.

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DERWENT-ACC-NO:

1998-172090

DERWENT-WEEK:

199816

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TITLE:

Enzyme containing granule for production of drugs and

foods, etc. - produced using low melting point

substances, enzyme powder and water dispersible or water

soluble powder

PATENT-ASSIGNEE: KAO CORP[KAOS]

PRIORITY-DATA: 1996JP-0197458 (July 26, 1996)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 10033170 A

February 10, 1998

N/A

005

C12N 009/98

APPLICATION-DATA:

PUB-NO

APPL-DESCRIPTOR

APPL-NO

APPL-DATE

JP 10033170A

N/A

1996JP**-**0197458

July 26, 1996

INT-CL (IPC): B01J002/28, C12N009/98

ABSTRACTED-PUB-NO: JP 10033170A

BASIC-ABSTRACT:

Enzyme containing granule is produced with water dispersible or water-soluble powder adhered onto the surface of a granule of core particles of low m.pt. substance with enzyme powder adhered onto it. Also claimed is production of the granule using low m.pt. substances, enzyme powder and water dispersible or water soluble powder.

Production preferably comprises heating a mixture of low m.pt. substance particles and enzyme powder to above the m. pt. of the low m. pt. substance to granulate the mixture and then cooling the granulate under stirring in the presence of a water dispersible or water soluble powder. The low m. pt.

substance particles have a m. pt. of 30-100 deg. C and a mean particle diameter of 50-1200 mu m. The substances include monoglyceride or diglyceride or polycarboxylic acid ester, sorbitan fatty acid ester, polyglycerine fatty acid ester, polyglycerine-condensed ricinoleic acid ester and/or recitin. The water dispersible or water soluble powder includes powdery cellulose, silicon dioxide, lactose, starch, carbonates and/or phosphates with a mean particle diameter of 0.1-100 mu m. The enzyme powder is protease.

USE - The granule is used for production of drugs, foods and detergents.

ADVANTAGE - The granule has good enzyme activity.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: ENZYME CONTAIN GRANULE PRODUCE DRUG FOOD PRODUCE LOW MELT POINT

SUBSTANCE ENZYME POWDER WATER DISPERSE WATER SOLUBLE POWDER

DERWENT-CLASS: B04 D13 D16 D21

CPI-CODES: B04-L01; B12-M11D; D03-H; D05-A02; D05-A02C; D08-B;

CHEMICAL-CODES:
Chemical Indexing M1 *01*
Fragmentation Code
M423 M781 M903 Q220 Q233 Q273 R032 V802 V810

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-055128

DERWENT-ACC-NO:

2002-676531

DERWENT-WEEK:

200273

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TITLE:

Agents for use in dishwashers contain a non-alkali metal

salt of a hydroxylated fatty acid or of a resin acid (especially zinc ricinoleate) as an odor absorber

INVENTOR: BAYERSDOERFER, R; LEFEV, A

PATENT-ASSIGNEE: HENKEL KGAA[HENK]

PRIORITY-DATA: 2000DE-1060533 (December 6, 2000)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

EP 1213344 A2 June 12, 2002 G 031 C11D 003/20 DE 10060533 A1 June 20, 2002 N/A 000 C11D 001/04

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

APPLICATION-DATA:

 PUB-NO
 APPL-DESCRIPTOR
 APPL-NO
 APPL-DATE

 EP 1213344A2
 N/A
 2001EP-0128078
 November 27, 2001

 DE 10060533A1
 N/A
 2000DE-1060533
 December 6, 2000

INT-CL (IPC): C11D001/04, C11D003/20, C11D009/00, C11D015/00, C11D017/00, C11D017/04

ABSTRACTED-PUB-NO: EP 1213344A

BASIC-ABSTRACT:

NOVELTY - Use is claimed in machine dishwasher agents (especially those used in

the rinsing stage) of non-alkali metal salts (I) of optionally unsaturated, mono- or poly-hydroxylated at least 8C fatty acids and/or of resin acids.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) Rinsing agents containing (I).
- (2) Particulate rinsing agents comprising by wt. (I) (0.1-70%), together with:
- (a) carrier (0-65%),
- (b) covering material of melting point above 50 deg. C (30-70%),
- (c) fat(s) (0-65%) and
- (d) further active agents or aids (0-50%).
- (3) Builder-containing shaped bodies containing (I) at 0.5-60 (especially 5-30) wt.%.
- (4) Multi-phase shaped bodies composed as in (2).
- (5) A container which is hung in the dishwasher and which is (at least on one side) permeable to a composition containing (I).

USE - In dishwashing machines.

ADVANTAGE - The 'liquor odor' occurring when the machine is opened is minimized or removed.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: AGENT DISHWASHER CONTAIN NON ALKALI METAL SALT HYDROXYLATED FATTY
ACID RESIN ACID ZINC RICINOLEATE ABSORB

DERWENT-CLASS: A97 D25 E19

CPI-CODES: A12-W12B; D11-A01A1; D11-D01A; E05-L03C; E10-C04A; E10-C04B; E10-C04D4; E10-C04D5;

CHEMICAL-CODES:

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L7		24	S	L5									

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outer) (p) (active or enzyme or bleach? or activator) (p) (polyhydroxy? or
hydroxy?) (3w) (fatty acid or octadecanoic or stearic or stearate or palmitic
or lauric) (p) salt
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        951763 COAT?
          3816 ENCAS?
         55887 ENVELOP?
        221564 SPRAY?
        148930 OUTER
        807409 ACTIVE
        702150 ENZYME
         74836 BLEACH?
         85570 ACTIVATOR
         17474 POLYHYDROXY?
       1120028 HYDROXY?
        333533 FATTY
       3825408 ACID
        184936 FATTY ACID
                 (FATTY(W)ACID)
         13820 OCTADECANOIC
         63024 STEARIC
         64773 STEARATE
         35472 PALMITIC
         16837 LAURIC
        713460 SALT
L2
             4 (ENCAPSULAT? OR COAT? OR ENCAS? OR ENVELOP? OR SPRAY? OR
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               P) (ACTIVE OR ENZYME OR BLEACH? OR ACTIVATOR) (P) (POLYHYDROXY?
OR
               HYDROXY?) (3W) (FATTY ACID OR OCTADECANOIC OR STEARIC OR
STEARATE
               OR PALMITIC OR LAURIC) (P) SALT
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    ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN
TI
     Stabilized solid mosapride dosage forms
L2
    ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN
TI
     Pharmaceutical composition with antibacterial activity and method for its
     preparation
L2
    ANSWER 3 OF 4 CA COPYRIGHT 2004 ACS on STN
TI
     Erythromycin derivative-containing medicine for treatment for or
    prevention of tuberculosis
    ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN
L2
TI
     Encapsulated active ingredient for use in odor-free granular detergents
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and cleaning compositions

s (encapsulat? or coat? or encas? or envelop? or spray? or outer)(p)(ricinoleic or ricinoleate)(5a)(salt or polyvalent or lanthanide# or lanthanoid# or transition or copper or cobalt or nickel or zinc) 45870 ENCAPSULAT? 951763 COAT? 3816 ENCAS? 55887 ENVELOP? 221564 SPRAY? 148930 OUTER 3523 RICINOLEIC 1915 RICINOLEATE 713460 SALT 9676 POLYVALENT 39536 LANTHANIDE# 2117 LANTHANOID# 826424 TRANSITION 808153 COPPER 336803 COBALT 554176 NICKEL 526186 ZINC 20 (ENCAPSULAT? OR COAT? OR ENCAS? OR ENVELOP? OR SPRAY? OR L4OUTER) (P) (RICINOLEIC OR RICINOLEATE) (5A) (SALT OR POLYVALENT OR LANTHANI DE# OR LANTHANOID# OR TRANSITION OR COPPER OR COBALT OR NICKEL OR ZINC) => d 1-20 14 ti L4ANSWER 1 OF 20 CA COPYRIGHT 2004 ACS on STN ΤI Deodorizing compositions containing zinc ricinoleate and at least one basic amino acid ANSWER 2 OF 20 CA COPYRIGHT 2004 ACS on STN L4Encapsulated active ingredient for use in odor-free granular detergents TΤ and cleaning compositions L4ANSWER 3 OF 20 CA COPYRIGHT 2004 ACS on STN Epoxy resin-hardener compositions, their production and their use TIANSWER 4 OF 20 CA COPYRIGHT 2004 ACS on STN L4ΤI Investigations on zinc ricinoleate as odor absorber with molecular dynamic calculations L4ANSWER 5 OF 20 CA COPYRIGHT 2004 ACS on STN Two-component sprayable polyurethane coatings for mechanical devices ΤI L4ANSWER 6 OF 20 CA COPYRIGHT 2004 ACS on STN TISpray disinfectant composition for odorous air treatment ANSWER 7 OF 20 CA COPYRIGHT 2004 ACS on STN Deodorants bsed on zinc ricinoleate TI L4ANSWER 8 OF 20 CA COPYRIGHT 2004 ACS on STN ΤI Sodium percarbonate with coatings for good stability and solubility

ANSWER 9 OF 20 CA COPYRIGHT 2004 ACS on STN

T.4

- TI Foaming bath preparation sprays containing surfactants
- L4 ANSWER 10 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Metallic soap resin-containing self-polishing antifouling coatings
- L4 ANSWER 11 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Self-polishing antifouling metallic soap resin coating compositions
- L4 ANSWER 12 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Expandable granular thermoplastic resin compositions for oil-resistant molded containers for foods
- L4 ANSWER 13 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Rust inhibitors
- L4 ANSWER 14 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Lubricant finishes for synthetic fibers
- L4 ANSWER 15 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Expanded knowledge on the use of modified zinc ricinoleate in cosmetics
- L4 ANSWER 16 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Coating steel products
- L4 ANSWER 17 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Release coatings
- L4 ANSWER 18 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Adducts of anhydrides of aromatic polybasic acids and fatty acid esters
- L4 ANSWER 19 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Removal of formaldehyde odor from textiles
- L4 ANSWER 20 OF 20 CA COPYRIGHT 2004 ACS on STN
- TI Stencil sheet

```
=> s (bleach? or activator or enzym? or protease or cellulase or lipase or
amylase) (p) (polyhydroxy? or hydroxy?) (3w) (fatty acid# or octadecanoic or
stearic or stearate or palmitic or lauric) (5a) (salt or polyvalent or zinc)
         74836 BLEACH?
         85570 ACTIVATOR
        999813 ENZYM?
         80583 PROTEASE
         16463 CELLULASE
         41810 LIPASE
         42280 AMYLASE
         17474 POLYHYDROXY?
       1120028 HYDROXY?
        333533 FATTY
       4290068 ACID#
        295022 FATTY ACID#
                  (FATTY(W)ACID#)
         13820 OCTADECANOIC
         63024 STEARIC
         64773 STEARATE
         35472 PALMITIC
         16837 LAURIC
        713460 SALT
          9676 POLYVALENT
        526186 ZINC
             0 (BLEACH? OR ACTIVATOR OR ENZYM? OR PROTEASE OR CELLULASE OR
L5
               LIPASE OR AMYLASE) (P) (POLYHYDROXY? OR HYDROXY?) (3W) (FATTY
ACID#
               OR OCTADECANOIC OR STEARIC OR STEARATE OR PALMITIC OR
LAURIC) (5A
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) (SALT OR POLYVALENT OR ZINC)

=>

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137:21806 CA
AN
     Entered STN: 04 Jul 2002
ED
TI
     Fatty acid salts as odor-absorbing agents in dishwashing detergents or
     rinse compositions
IN
     Bayersdoerfer, Rolf; Lefev, Anette
PA
     Henkel Kommanditgesellschaft Auf Aktien, Germany
SO
     Eur. Pat. Appl., 31 pp.
     CODEN: EPXXDW
DT
     Patent
     German
LA
     ICM C11D003-20
     ICS C11D017-04; C11D017-00
     46-6 (Surface Active Agents and Detergents)
FAN.CNT 1
     PATENT NO.
                         KIND
                                DATE
                                           APPLICATION NO.
                                                                  DATE
                         ____
                                           _____
PΙ
     EP 1213344
                         A2
                                20020612
                                           EP 2001-128078
                                                                  20011127
<--
     EP 1213344
                         A3
                                20030604
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     DE 10060533
                         A1
                                20020620
                                           DE 2000-10060533
                                                                  20001206
PRAI DE 2000-10060533
                                20001206
                         Α
CLASS
                 CLASS PATENT FAMILY CLASSIFICATION CODES
 PATENT NO.
                        ______
 EP 1213344
                 ICM
                        C11D003-20
                 ICS
                        C11D017-04; C11D017-00
 EP 1213344
                ECLA
                        C11D003/00B14; C11D003/20E1; C11D017/00D;
                        C11D017/00H8T8; C11D017/00H8T2
<--
AB
     Dishwashing detergents and rinse aids contain metal salts of C>8
(un) saturated
     linear or branched hydroxy-cong. fatty acids or metal salts of rosin
acids
     (with a proviso), preferably Zn ricinoleate and/or Zn abietate as
     odor-absorbing agents (no examples).
     zinc ricinoleate odor absorbent dishwashing detergent; odor absorbent
ST
zinc
     abietate dishwashing rinse aid
IT
     Detergents
        (dishwashing, solids; fatty acid salts as odor-absorbing agents in
        dishwashing detergents or rinse compns.)
IT
     Deodorants
        (fatty acid salts as odor-absorbing agents in dishwashing detergents
or
        rinse compns.)
IT
     Solvents
        (fatty acid salts as odor-absorbing agents in dishwashing detergents
or
        rinse compns. containing nonionic surfactants and)
IT
     Surfactants
        (nonionic; fatty acid salts as odor-absorbing agents in dishwashing
       detergents or rinse compns. containing solvents and)
IT
        (rinse aids, granular; fatty acid salts as odor-absorbing agents in
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ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN

L8

dishwashing detergents or rinse compns.) ITFatty acids, uses RL: NUU (Other use, unclassified); USES (Uses) (salts, C>8, hydroxy-containing, odor absorbents; fatty acid salts as odor-absorbing agents in dishwashing detergents or rinse compns.) ΙT 6798-76-1, Zinc abietate RL: NUU (Other use, unclassified); USES (Uses) (fatty acid salts as odor-absorbing agents in dishwashing detergents or rinse compns.) IT 13040-19-2, Zinc ricinoleate RL: NUU (Other use, unclassified); USES (Uses) (odor-absorbing agent; fatty acid salts as odor-absorbing agents in dishwashing detergents or rinse compns.)

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